

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A refrigerating machine oil for a compressor, the refrigerating machine oil comprising:

a lubricating oil applied on frictional surfaces to reduce friction thereon; and

less than 1.0 wt% of carbon nano particulate,

wherein the carbon nano particulate is infused into the lubricating oil using an agitator or an ultrasonic dispersion device, and

wherein when the ultrasonic dispersion device discharges ultrasound into the liquid, a shock wave of cavitational bubbles created in the liquid makes the nano particulate disperse into the lubricating oil.
2. (Original) The refrigerating machine oil according to claim 1, wherein the percentage by weight of the carbon nano particulate is less than 0.1%.
3. (Previously Presented) The refrigerating machine oil according to claim 1, wherein the carbon nano particulate is C₆₀ or C₇₀ fullerene.
- 4-6. (Canceled)

7. (New) A refrigerating machine oil for a compressor, the refrigerating machine oil comprising:

a lubricating oil to reduce friction on frictional surfaces; and

carbon nano particulate of less than 1.0 wt% infused into the lubricating oil using an agitator or an ultrasonic dispersion device, and wherein a shock wave of cavitation bubbles created in a liquid dispenses the nano particulate into the lubricating oil.

8. (New) The refrigerating machine oil according to claim 7, wherein the carbon nano particulate is less than 0.1 wt%.

9. (New) The refrigerating machine oil according to claim 7, wherein the carbon nano particulate is C₆₀ or C₇₀ fullerene.